

UMA/UMB GAS/TURBINE/ BUILDING

STRUCTURE FOR POWER CONTROL CENTER STRUCTURE FOR MV-AUXILIARY POWER TRANSFORMER UBE **UBF** STRUCTURE FOR GENERATOR TRANSFORMER UCA CONTROL ROOM BUILDING HEAT RECOVERY STEAM GENERATOR

AMMONIA STORAGE AREA RAW WATER STORAGE TANK

UGC DEMINERALIZED WATER STORAGE TANK STRUCTURE FOR EFFLUENT DISPOSAL UGU

BOILER FEEDWATER PUMP HOUSE UMA/UMB GENERATION BUILDING

PIPE AND CABLE BRIDGE COOLING TOWER STRUCTURE URA CIRCULATING WATER PUMP STRUCTURE URD

FIRE PUMP HOUSE

USG USR WASTE WATER TREATMENT AREA (BY OTHERS)

WORKSHOP / STORAGE AREA

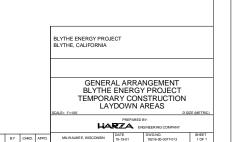
UQX CHILLER BUILDING

NOTES;

- THE SPATIALLY AVERAGED NEAR FIELD
 A-WEIGHTED SOUND LEVEL EMISSIONS WLL
 BE 93 dB(A) OR LESS WHEN MEASURED
 THREE FEET FROM EXTERIOR SURFACES OF THE GENERATION BUILDING AND EQUIPMENT OR ENCLOSURES, WITH THE COMBUSTION AND STEAM TURBINES AT STEADY STATE BASE LOAD, EXCLUSIVE OF TRANSIENTS. START-UP/SHUTDOWN, STEAM BYPASS AND OTHER OFF NORMAL AND EMERGENCY CONDITIONS.
- 2. ROOM AVERAGE SOUND PRESSURE LEVELS INSIDE THE CONTROL ROOM BUILDING ARE NOT EXPECTED TO EXCEED 55 dB(A) UNDER NORMAL CONDITIONS
- 3. ROOM AVERAGE SOUND PRESSURE LEVELS INSIDE THE BOILER FEEDWATER PUMP HOUSE ARE NOT EXPECTED TO EXCEED 95 dB(A)
- UNDER NORMAL CONDITIONS.

 4. ROOM AVERAGE SOUND PRESSURE LEVELS INSIDE THE WORKSHOP/STORAGE AREA ARE NOT EXPECTED TO ECXCEED 80 dB(A) UNDER NORMAL CONDITIONS.
- 5. ROOM AVERAGE SOUND PRESSURE LEVELS INSIDE THE FIRE PUMP HOUSE ARE NOT EXPECTED TO EXCEED 85 dB(A) UNDER NORMAL CONDITIONS.
- 6. ROOM AVERAGE SOUND PRESSURE LEVELS INSIDE THE GAS TURBINE GENERATION BUILDING ARE NOT EXPECTED TO EXCEED 98 dB(A) AND 94 dB(A) IN THE STEAM TURBINE GENERATION BUILDING UNDER NORMAL
- CONDITIONS.

 7. ROOM AVERAGE SOUND PRESSURE LEVELS INSIDE THE CHILLER BUILDING ARE NOT EXPECTED TO EXCEED 98 dB(A) UNDER NORMAL CONDITIONS.
- 8. THE CONTROL ROOM BUILDING AND WORKSHOP/STORAGE AREA ARE NORMALLY OCCUPIED DURING PLANT OPERATIONS. OTHER BUILDINGS/ENCLOSURES WILL BE OCCUPIED INFREQUENTLY BY THE PLANT OPERATIONS. AND MAINTENANCE SRAFF AS REQUIRED.
- 9. PERSONAL PROTECTION AGAINST THE EFFECTS OF THE NOISE EXPOSURE WILL BE PROVIDED IN ACCORDANCE WITH 29 CFR CH XVII SECTION 1910-95, AND LOCAL REQUIREMENTS.





BLYTHE ENERGY PROJECT PHASE II

FIGURE 7.3-4 OUTDOOR/INDOOR **PROJECT SOUND LEVELS**

ANALYSIS AREA: RIVERSIDE CO., CALIFORNIA

1	DATE: 12/2001	ArcView FILE: D:\BLYTHE\1135FIG1-2.apr
1	PLOT SCALE: NTS	PREPARED BY: GF